

# Recombinant Full Length Human ITM2A Protein, GST-tagged

**Cat. No.** ITM2A-5820HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ITM2A full-length ORF ( AAH40437, 1 a.a. - 263 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 263 amino acids                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene encodes a type II membrane protein that belongs to the ITM2 family. Studies in mouse suggest that it may be involved in osteo- and chondrogenic differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010] |
| <b>Molecular Mass</b>   | 54.45 kDa                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MVKIAFNTPTAVQKEEARQDVEALLSRTVRTQILTGKELRVATQEKEGSSGRCMLTL<br>LGLSFILAGLIVGGACIYKYFMPKSTIYRGEMCFFDSEDPANSLRGGEPNFLPVTEEA<br>DIREDDNIAIIDVPVPSFSDSDPAAIHDFEKGMTAYLDLLGNCYLMPLNTSIVMPCKN<br>LVELFGKLASGRYLPQTYVVREDLVAVEEIRDVSNLGIFIYQLCNNRKSFRLRRRDLL<br>LGFNKRAIDKCWKIRHFPNEFIVETKICQE                          |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ITM2A integral membrane protein 2A [ Homo sapiens (human) ]                                                    |
| <b>Official Symbol</b> | ITM2A                                                                                                          |
| <b>Synonyms</b>        | ITM2A; integral membrane protein 2A; E25A; BRICD2A; integral membrane protein 2A; BRICHOS domain containing 2A |
| <b>Gene ID</b>         | 9452                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001171581                                                                                                   |
| <b>Protein Refseq</b>  | NP_001165052                                                                                                   |
| <b>MIM</b>             | 300222                                                                                                         |
| <b>UniProt ID</b>      | O43736                                                                                                         |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA